

## ATTACHMENT #1

tacomplowparts.xls

| 1 Year Spare Parts For Wester 9' Snow Plow |          |
|--|----------|
| Part # Description                         | Qty Req. |
| 21294 Plow Cable Assy                      | 1        |
| 22511 Battery Cable 22"                    | 1        |
| 23039 Trip Spring                          | 2        |
| 25618 O-Ring 216                           | 2        |
| 25620 O-Ring 115                           | 2        |
| 25622 O-Ring 006                           | 2        |
| 25730 O-Ring 012                           | 2        |
| 25731 O-Ring 010                           | 2        |
| 49033 Replacement Chain Assy               | 1        |
| 49071 HD Disc Shoe ASSY                    | 2        |
| 49138K Cushion Valve Repair Kit            | 4        |
| 49202 Park/Turn Lense with Fastners        | 1        |
| 49227K Cartridge 20 W/ Jam Nut             | 4        |
| 49229K Cartridge 40 w/Jam Nut              | 4        |
| 49230K Coin with spade                     | 2        |
| 49251 Cutting Edge 9'P                     | 1        |
| 49283 PC Board                             | 4        |
| 49297 Replacement Sealed Beam              | 1        |
| 60338 Shock                                | 1        |
| 61169 Cable Assy                           | 2        |
| 61185 Directional Light Harness            | 5        |
| 61535K Headlight Relay                     | 12       |
| 61548K Plug Cover                          | 1        |
| 61584 Plug Cover Kit                       | 1        |
| 62290 Split Bearing                        | 1        |
| 90181 3/4-10x4                             | 2        |
| 90210 1/2-13x1                             | 2        |
| 90238 1/2-13x1 CB                          | 2        |
| 91147 3/4 Plain Washer                     | 2        |
| 91333 3/8-16 Nut                           | 1        |
| 91335 1/2-13 Nut                           | 2        |
| 91337 5/8-11 Nut                           | 2        |
| 91338 3/4-10 Nut                           | 2        |
| 91339 3/4-10 Jam Nut                       | 2        |
| 91418 5/8-11 Nut                           | 2        |
| 91911 5/32" Cotter Pin                     | 2        |
| 9301K Linch Pin 7/16"x1-3/4                | 2        |
| 93062K Clevis                              | 1        |
| 49298 Headlight Housing                    | 1        |
| 49304K Plow Plug Retainer Kit              | 1        |
| 49317 Plow Plug Kit 9 Pin                  | 2        |
| 49362 Part/Turn Socket Kit                 | 2        |
| 49366K 9 Pin Repair Ends                   | 4        |
| 49367K 12 Pin Repair Ends                  | 4        |
| 22381W Side Post Battery Adaptor           | 1        |
| 56131K Motor Relay Kit                     | 2        |
| 56274 O ring 013                           | 2        |
| 56285 Solenoid Control C                   | 1        |

1 of 2

**ATTACHMENT #1**

tecompowparts.xls

(ONE YEAR CONCURRENT SPARE PLOW PARTS)

|                                     |   |
|-------------------------------------|---|
| 56369 Solenoid Control U            | 1 |
| 56416 #014 Pump O-Ring              | 1 |
| 59224 Bullet Recpt                  | 2 |
| 59694K Blade Flag Guide             | 2 |
| 59696 S Hook                        | 2 |
| 59697 Blade Guide Rod               | 4 |
| 59805 Pug In Harness                | 1 |
| 21500 Motor Assy                    | 1 |
| 21501 Hyd Pump Kit                  | 1 |
| 21728 3/8 MPT 90 Street Elbow Brass | 1 |
| 21727-1 Breather                    | 1 |
| 21830 Reservoir Kit                 | 2 |
| 49138K Relief Valve                 | 1 |
| 49228K Poppet Check Valve           | 1 |
| 56538K Ram Assy 1-1/2x8             | 1 |
| 56544 Hydraulic Unit                | 1 |
| 56556 Seal Kit                      | 4 |
| 56558 1/2" Flat Washer              | 2 |
| 56579 Gland Nut W/ Seal             | 4 |
| 56580 Screw Stand Off               | 8 |
| 56595 Anchor Cable Tie              | 7 |
| 56614 Ram Assy 1-1/2x10             | 2 |
| 56615 Elbow Kit                     | 2 |
| 56616 Hose Kit 42"                  | 3 |
| 56617 Hose Kit 16"                  | 2 |
| 56657 O-Ring Back Up Kit            | 2 |
| 56662 Quill Assy                    | 1 |
| 66608 Cartridge 21 W/Jam Nut        | 2 |
| 66763 Inlet Fitting/Filter Kit      | 3 |
| 66812 Pivot Pin Kit                 | 1 |
| 67556 Lift Frame Lower              | 1 |
| 67842 Pivot Bar Kit                 | 1 |
| 67844 Stand Lock Pin Kit            | 1 |
| 67845 Stand Assy                    | 1 |
| 67846 Stand Assy PS                 | 1 |
| 67847 Stand Shoe                    | 2 |
| 67848 Quadrant                      | 1 |
| 67850 Lift Arm Kit                  | 1 |
| 67853 Upper Lift Frame Kit          | 1 |
| 67854 A-frame                       | 1 |
| 67855 Pivot Bolt Kit                | 1 |
| 67856 Nose Plate Bolt Kit           | 1 |
| 67858 Receiver Kit DS               | 1 |
| 67859 Receiver Kit PS               | 1 |

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2062

Attachment #2

# BOYER TRUCK PARTS

2601 NE Broadway, Minneapolis, Minnesota 55413

TWIN CITIES (612) 378-0460 · WATS 800-999-4327 · WATS 800-677-3673 · FAX (612) 378-0051

www.boyertruckparts.com info@boyertruckparts.com

## INVOICE

THE ONLY WARRANTIES APPLYING TO THIS PART(S) ARE THOSE WHICH MAY BE OFFERED BY THE MANUFACTURER. THE SELLING DEALER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THIS PART(S) AND/OR SERVICE. BUYER SHALL NOT BE ENTITLED TO RECOVER FROM THE SELLING DEALER ANY CONSEQUENTIAL DAMAGES, DAMAGES TO PROPERTY, DAMAGES FOR LOSS OF USE, LOSS OF TIME, LOSS OF PROFIT, OR INCOME, OR ANY OTHER INCIDENTAL DAMAGES. NO RETURNS ON ELECTRICAL OR SPECIAL ORDER PARTS. NO RETURNS ACCEPTED FOR CREDIT AFTER 10 DAYS FROM DATE OF PURCHASE. CREDIT WILL BE ALLOWED AT BILLED PRICE LESS HANDLING CHARGES. CLERICAL ERRORS SUBJECT TO CORRECTION. CORES MUST BE RETURNED WITHIN 15 DAYS. THE CUSTOMER AGREES TO PAY ALL COSTS OF COLLECTION, INCLUDING A REASONABLE ATTORNEY'S FEE AND COURT COSTS, IN THE EVENT IT BECOMES NECESSARY TO ENFORCE PAYMENT THEREOF.

|                           |                |                           |              |                         |       |
|---------------------------|----------------|---------------------------|--------------|-------------------------|-------|
| DATE ENTERED<br>21 MAR 03 | YOUR ORDER NO. | DATE SHIPPED<br>21 MAR 03 | INVOICE DATE | INVOICE NUMBER<br>54374 | 15:02 |
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ACCOUNT NO. 990017

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CASH ACCOUNT  
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| SHIP VIA             |      | SLSM. | B/L NO.       | TERMS: NET - NO DISCOUNT                 |         | F.O.B. POINT |        |
|----------------------|------|-------|---------------|--|---------|--------------|--------|
| W/C                  |      |       | DENNY N       | PAYABLE 10TH OF MONTH FOLLOWING PURCHASE |         | E            |        |
| QTY                  | UNIT | QTY   | PART NO.      | DESCRIPTION                              | LIST    | NET          | AMOUNT |
| 2                    | 2    | 0     | F81Z*1001*BA  | GASKET-RR                                | 1.74    | 1.68         | 3.16   |
| 16                   | 16   | 0     | 2C2Z*1012*AA  | NUT-WHL BL                               | 2.58    | 2.17         | 34.72  |
| 16                   | 16   | 0     | F81Z*1107*AC  | BOLT M14X7                               | 7.10    | 5.96         | 95.36  |
| 4                    | 4    | 0     | BRS*84*       | RET ASY-RR                               | 25.16   | 11.95        | 47.80  |
| 2                    | 2    | 0     | F81Z*1125*CA  | DSC-FRE WH                               | 127.20  | 106.85       | 213.70 |
|                      |      |       | F81Z*1125*DA  | REPLACING PART-NO. FOR ABOVE PART-NO.    |         |              |        |
| 2                    | 2    | 0     | F81Z*1175*AA  | RET ASY-RR                               | 54.87   | 26.06        | 52.12  |
|                      |      |       | BRS*24*       | REPLACING PART-NO. FOR ABOVE PART-NO.    |         |              |        |
| 16                   | 16   | 0     | F81Z*1107*CA  | BOLT M14X7                               | 6.82    | 5.73         | 91.68  |
| 2                    | 2    | 0     | F81Z*1A124*AA | NUT ASY RR                               | 19.58   | 16.45        | 32.90  |
| 2                    | 2    | 0     | F81Z*1239*BA  | CUP RR AX                                | 10.78 W | 9.06         | 18.12  |
| 2                    | 2    | 0     | F81Z*1240*AA  | CONE & RLR                               | 46.22 W | 38.82        | 77.64  |
| 2                    | 2    | 0     | B4Q*1243*A    | TAPERED BE                               | 15.12   | 12.83        | 25.66  |
|                      |      |       | SBN/33462TRB  | REPLACING PART-NO. FOR ABOVE PART-NO.    |         |              |        |
| 2                    | 2    | 0     | F81Z*1244*AA  | CONE & RLR                               | 47.05 W | 39.52        | 79.04  |
| 2                    | 2    | 0     | F81Z*2C026*AA | RTR-RR WHL                               | 191.80  | 161.11       | 322.22 |
| 2                    | 2    | 0     | F81Z*2001*CA  | KIT-BRAKE                                | 90.40   | 75.94        | 151.88 |
| 1                    | 1    | 0     | YC3Z*2B120*GA | CLPR ASY-W                               | 203.92  | 171.29       | 171.29 |
| OLD CORE DUE         |      |       | SER#          | CORE CHG                                 |         | 112.50       | 112.50 |
| 1                    | 1    | 0     | YC3Z*2B121*BA | CLPR ASY-W                               | 203.92  | 171.29       | 171.29 |
| OLD CORE DUE         |      |       | SER#          | CORE CHG                                 |         | 112.50       | 112.50 |
|                      |      |       |               | PARTS                                    |         |              |        |
|                      |      |       |               | PACKING SUPPLIES                         |         |              |        |
|                      |      |       |               | FREIGHT                                  |         |              |        |
|                      |      |       |               | SALES TAX                                |         |              |        |
| CUSTOMER'S SIGNATURE |      |       |               |  |         |              |        |
| X                    |      |       |               | TOTAL                                    |         |              |        |

SALES SLIP MUST ACCOMPANY ALL RETURNED PARTS

Thank you, we appreciate your business

CUSTOMER COPY

# BOYER TRUCK PARTS

2601 NE Broadway, Minneapolis, Minnesota 55413

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## INVOICE

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| DATE ENTERED | YOUR ORDER NO. | DATE SHIPPED | INVOICE DATE | INVOICE NUMBER |       |
|--------------|----------------|--------------|--------------|----------------|-------|
| 21 MAR 03    |                | 21 MAR 03    |              | 54374          | 15:02 |

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PAGE 2 OF 2

CASH ACCOUNT

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|  |      |     |            |                |                                       |          |  |       |              |  |
|--|------|-----|------------|----------------|---------------------------------------|----------|--|-------|--------------|--|
| SHIP VIA   |      |     | SLSM.      |                | B/L NO.                               |          | TERMS: NET - NO DISCOUNT                 |       | F.O.B. POINT |  |
| W/C  |      |     | DENNY N    |                |                                       |          | PAYABLE 10TH OF MONTH FOLLOWING PURCHASE |       | E            |  |
| QTY  | UNIT | LT  | PART NO.   | DESCRIPTION    | UNIT                                  | NET      | AMOUNT                                   |       |              |  |
| 1  | 1    | 0   | STP*102*RM | REMAN PUMP     | 147.84                                | 138.60   | 138.60                                   |       |              |  |
| OLD  | CORE | DUE | SER#       |                | CORE CHG                              | 93.75    | 93.75                                    |       |              |  |
| 10   | 10   | 0   | FL*2016*   | KIT-OIL FL     | 46.09                                 | W 32.77  | 327.70                                   |       |              |  |
| 10   | 10   | 0   | FD*4604*   | KIT-FU/FLT     | 89.22                                 | W 63.44  | 634.40                                   |       |              |  |
| 10   | 10   | 0   | FA*1746*   | FLTR-AIR C     | 81.82                                 | W 58.18  | 581.80                                   |       |              |  |
| 1  | 1    | 0   | PW*435*    | REMAN PMP      | 116.12                                | 116.12   | 116.12                                   |       |              |  |
| OLD  | CORE | DUE | SER#       | 3C3Z*8501*BARM | REPLACING PART-NO. FOR ABOVE PART-NO. | CORE CHG | 56.25                                    | 56.25 |              |  |
| *** INVOICE QUOTE - DO NOT PAY ***   |      |     |            |                |                                       |          |  |       |              |  |
| <div><div>SPICER</div><div>Eaton Fuller<br/>Transmissions</div><div>MILITARY</div><div>Ford</div><div>WILSON</div><div>INTERNATIONAL</div></div> |      |     |            |                |                                       |          |  |       |              |  |
| *****  |      |     |            |                | CASH                                  |          |  |       |              |  |
| * * * * * PARTS DEPT HOURS * * * * *   |      |     |            |                | PARTS                                 |          | 3,762.20                                 |       |              |  |
| * * * MON-FRI 7:00AM<>12:00AM * * *  |      |     |            |                | PACKING SUPPLIES                      |          |  |       |              |  |
| * * * SATURDAY 8:00AM-4:00PM * * *   |      |     |            |                | FREIGHT                               |          | 0.00                                     |       |              |  |
| *****  |      |     |            |                | SALES TAX                             |          | 158.31                                   |       |              |  |
| CUSTOMER'S SIGNATURE   |      |     |            |                |                                       |          |  |       |              |  |
| X  |      |     |            |                | TOTAL                                 |          | 3,920.51                                 |       |              |  |

SALES SLIP MUST ACCOMPANY ALL RETURNED PARTS

Thank you, we appreciate your business

2012  
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Your satisfaction is our #1 goal. If you have questions or concerns with your vehicle, we suggest you follow these steps:

1. Contact your Sales Representative or Service Advisor at your selling/servicing dealership.
2. If the inquiry or concern remains unresolved, contact the Sales Manager or Service Manager at the dealership.
3. If the inquiry or concern cannot be resolved at the dealership level, please contact the Ford Customer Relationship Center.

**In the United States:**

**Ford Motor Company  
Customer Relationship Center  
16800 Executive Plaza Drive  
P.O. Box 6248  
Dearborn, MI 48121  
1-800-392-3673 (FORD)  
TDD for hearing impaired:  
1-800-232-5952**

**In Canada:**

**Ford Motor Company  
Customer Relationship Centre  
of Canada, Limited  
P.O. Box 2000  
Oakville, Ontario L6J 5E4  
1-800-565-3673 (FORD)**

**In Caribbean, Central America, Israel and  
Sub-Saharan Africa:**

**Ford Motor Company  
Worldwide Direct Market Operations  
Attention: Owner Relations  
1555 Fairlane Drive  
Fairlane Business Park #3  
Allen Park, MI 48101  
Telephone: (313) 594-4857  
Fax: (313) 390-0804  
E-mail: [wdmocac@ford.com](mailto:wdmocac@ford.com)**

**In Puerto Rico and Virgin Islands:**

**Ford Motor Company  
Caribbean Inc.  
P.O. Box 11957  
Caparra Heights Station  
San Juan, PR 00922-1957  
Telephone: (787) 782-5959  
Fax: (787) 781-8975  
E-mail: [prcac@ford.com](mailto:prcac@ford.com)**

**In Middle East & North Africa:**

**Ford Middle East & North Africa  
Customer Relationship Center  
API World Tower 17th Floor  
Sheikh Zayed Road  
Dubai, United Arab Emirates  
Telephone: 971-4-3326084  
Fax: 971-4-3327299  
E-Mail: [menacac@ford.com](mailto:menacac@ford.com)**

### 3. The new vehicle limited warranty for your

Your NEW VEHICLE LIMITED WARRANTY gives you specific legal rights. You may have other rights that vary from state to state. The New Vehicle Limited Warranty is the only express warranty applicable to your vehicle. Neither Ford or Ford Motor Vehicle Assurance Company assumes nor authorizes anyone to assume for it any other obligation or liability in connection with your vehicle or this warranty.

Ford, Ford Motor Vehicle Assurance Company and your dealer are not responsible for any time that you lose, for any inconvenience you might be caused, for the loss of your transportation, or for any other incidental or consequential damages you may have.

You may have some implied warranties. For example, you may have:

- an implied warranty of merchantability (that the car or light truck is reasonably fit for the general purpose for which it was sold); or
- an implied warranty of fitness for a particular purpose (that the car or light truck is suitable for your special purposes).

These implied warranties are limited, to the extent allowed by law, to the time period covered by the written warranties, or to the applicable time period provided by state law, whichever period is shorter.

Some states do not allow Ford or Ford Motor Vehicle Assurance Company to limit how long an implied warranty lasts or to exclude or limit incidental or consequential damages, so the limitation and exclusions described above may not apply to you.

**NOTE:** This information about the limitation of implied warranties and the exclusion of incidental and consequential damages under the NEW VEHICLE LIMITED WARRANTY also applies to the EMISSIONS WARRANTIES described on pages 11-24.

**NOTE:** If you are an eligible U.S. owner and have a warranty concern unresolved by your dealer, you may use the services of the Dispute Settlement Board (see page 26).

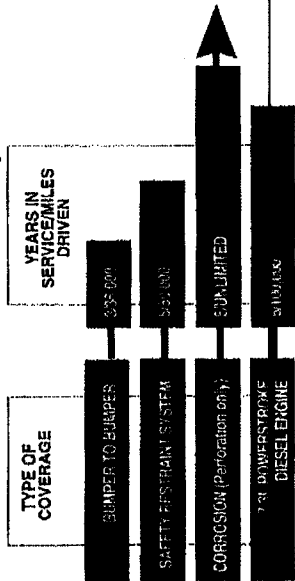
### QUICK REFERENCE: WARRANTY COVERAGE

This chart gives a general summary of your warranty coverage provided by Ford Motor Company or Ford Motor Vehicle Assurance Company under the **New Vehicle Limited Warranty**. Please refer to the description of warranty coverage for more specific information.

For each type of coverage, the chart shows two measures:

- years in service
- miles driven

#### Your New Vehicle Limited Warranty



The measure that occurs first determines how long your coverage lasts. For example: Your Bumper to Bumper Coverage lasts for three years - unless you drive more than 36,000 miles before three years elapse. In that case, your coverage ends at 36,000 miles.

For more details on coverage, see:

- ➔ **What is Covered?** (pages 5-7)
- ➔ **What is Not Covered?** (pages 7-9)

### WHAT IS COVERED?

The New Vehicle Limited Warranty coverage is provided by Ford Motor Company or Ford Motor Vehicle Assurance Company, a subsidiary of Ford Motor Company. These coverages include Bumper to Bumper coverage, Safety Restraint coverage, Corrosion coverage, and 7.3L PowerStroke® Diesel Engine coverage.

### Bumper to Bumper Coverage

Under your New Vehicle Limited Warranty, Bumper to Bumper Coverage begins at the warranty start date and lasts for three years or 36,000 miles, whichever occurs first. During this coverage period, authorized Ford Motor Company dealers will repair, replace, or adjust all parts on your

that are defective in factory-supplied materials or workmanship. Conditions that are not covered by the New Vehicle Limited Warranty are described on pages 7-9.

**Tire Coverage** applies to tires on your new vehicle. The new Vehicle Warranty provides no-cost coverage for tire repairs, replacements, or retreads due to defects in factory-supplied materials or workmanship under the Bumper to Bumper Coverage period. The tire manufacturer also provides you with a separate tire warranty that may extend beyond the Bumper to Bumper Coverage period. You will find the manufacturer's tire warranty with the owner literature supplied with your vehicle.

**Corrosion Coverage** Under the Bumper to Bumper Coverage period, your authorized Ford Company dealer has the desire to ensure your complete satisfaction at no out-of-pocket cost to you. In addition, you have the option of having a tire warranty repair performed by the tire manufacturer's authorized service center. If you go to a tire service center during the Ford Bumper to Bumper Coverage period for a tire repair (replacement or adjustment), you may be charged a deductible amount for wear or other charges. If so, you should present your invoice detailing the nature of the charges to any Ford Motor Company dealer for refund consideration.

**Powertrain Coverage** Under the Bumper to Bumper Coverage period, the dealer will use Ford's best effort to repair or replace any powertrain parts that are authorized under the Bumper to Bumper Coverage period. In certain instances, Ford may authorize repairs at other than dealer facilities.

#### **Restraint Coverage**

Under your New Vehicle Limited Warranty, Safety Restraint Coverage begins at the warranty start date and lasts for five years or 50,000 miles, whichever occurs first.

Under this coverage period, Ford Motor Company or Ford Motor Vehicle Company warrants your vehicle's safety belts and air bag inflator Restraint System (SRS) against defects in factory-supplied parts or workmanship.

#### **Corrosion Coverage**

Under your New Vehicle Limited Warranty, Corrosion Coverage begins at the warranty start date and covers body sheet metal panels against corrosion due to defects in factory-supplied materials or workmanship. Corrosion coverage (which lasts for 5 years, regardless of miles driven) only applies if corrosion causes perforation (holes) in body sheet metal panels.

If corrosion does not cause perforation (holes), and is not the result of misuse and/or environmental conditions, paint damage is covered under the terms of the Bumper to Bumper Warranty (3 years or 36,000 miles, whichever occurs first).

For damage caused by airborne material (environmental fallout) - where there is no factory-related defect involved and therefore no warranty - our policy is to cover paint damage due to airborne material for 12 months or 12,000 miles, whichever occurs first.

The New Vehicle Limited Warranty covers certain direct injection diesel engine components against defects in factory-supplied materials or workmanship for five years after the warranty start date or 100,000 miles, whichever occurs first.

After the end of the Bumper to Bumper Coverage period (three years or 36,000 miles, whichever occurs first), you must pay a \$100 deductible for each repair visit.

**Ford Motor Company or Ford Motor Vehicle Assurance Company covers** these components: cylinder block, heads and all internal parts, intake and exhaust manifolds, flywheel, timing gear, harmonic balancer, valve covers, oil pan and pump, water pump, fuel system (excluding fuel lines and fuel tank), high pressure lines, gaskets and seals, glow plugs, turbocharger, powertrain control module, electronic driver unit, injectors, injection pressure sensor, high pressure oil regulator, exhaust back pressure regulator and sensor, camshaft position sensor, accelerator switch.

**NOTE:** Some components may also be covered by the Emissions Warranties, with no deductible. For more information, see pages 11-24.

#### **WHAT IS NOT COVERED?**

##### **Damage Caused By:**

- accidents, collision or objects striking the vehicle
- theft, vandalism, or riot
- fire or explosion
- freezing
- misusing the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source
- altering or modifying the vehicle - including the body, chassis, or components - after the vehicle leaves Ford's control

- non-Ford parts installed after the vehicle leaves Ford's control. For example, but not limited to, cellular phones, alarm systems, and automatic starting systems, and performance-enhancing powertrain chips
- tampering with the vehicle, tampering with the emissions systems, or with other parts that affect these systems
- disconnecting or altering the odometer or allowing the odometer to be inoperative for an extended period of time with the result that the actual mileage cannot be determined
- using contaminated or improper fuel/fluids
- customer-applied chemicals or accidental spills
- driving through water deep enough to cause water to be ingested into the engine

#### **Damage Caused by Use and/or the Environment**

Your New Vehicle Limited Warranty does not cover surface rust and deterioration of paint, trim, upholstery, and other appearance items that result from use and/or exposure to the elements. Here are examples:

- stone chips, scratches (some examples are on paint and glass)
- dings, dents
- cuts, burns, punctures or tears
- road salt, tree sap
- bird and bee droppings

- lightning, hail
- windstorm
- earthquake
- water or flood

#### **Damage Caused by Improper Maintenance**

Your New Vehicle Limited Warranty does not cover damage caused by failure to maintain the vehicle, improperly maintaining the vehicle, or using the wrong part, fuel, oil, lubricants, or fluids. See the **Owner Guide** for correct fluid types and levels, and consult the **Scheduled Maintenance Guide** for proper ways to maintain your vehicle.

#### **Maintenance/Wear**

Your New Vehicle Limited Warranty does not cover: (1) parts and labor needed to maintain the vehicle; and (2) the replacement of parts due to normal wear and tear. You, as the owner, are responsible for these items.

Examples from the **Scheduled Maintenance Guide** are:

- oil changes
- oils, lubricants, other fluids
- oil/air filters
- brake linings/pads
- tire rotation
- cleaning/polishing
- wiper blades
- clutch linings
- engine tune-up

#### **Tire Wear or Damage**

As typically is the case with tire manufacturer warranties, normal wear or worn-out tires are not covered by the New Vehicle Limited Warranty. Road hazard damage such as cuts, snags, bruises, bulges and impact breaks (potholes and curbs) are not covered. Any damage caused by a puncture or tire repair is not covered. In addition, damage from improper inflation or alignment, tire chains, racing, spinning (as when stuck in snow or mud), improper mounting or dismounting is not covered.

#### **Other Items and Conditions Not Covered**

Your New Vehicle Limited Warranty also does not cover:

- non-Ford parts of your vehicle, for example, parts (including glass) installed by body builders or manufacturers other than Ford, or damage to Ford components caused by installation of non-Ford parts other than "certified" emissions parts
- vehicles that have ever been labeled or branded as "dismantled", "fire", "flood", "junk", "rebuilt", "reconstructed", or "salvaged"; this will void the New Vehicle Limited Warranty
- vehicles that have been determined to be a "total loss" by an insurance company; this will void the New Vehicle Limited Warranty
- converted ambulances that are not equipped with the **Ford Ambulance Prep Package**, see important information about ambulance conversions (page 28).
- any Ford or Mercury vehicles that are converted to limousines. This will void the New Vehicle Limited Warranty.

#### **Time Limits on Coverage**

- After the first 12 months in service or 12,000 miles, whichever occurs first, wheel alignment and tire balancing are not covered unless required by a warranty repair.



#### 4. In addition ...

##### ROADSIDE SERVICE ASSISTANCE (UNITED STATES, PUERTO RICO, AND U.S. VIRGIN ISLANDS)

Your vehicle is covered by the complimentary Ford Roadside Assistance Program (unless you are driving a daily rental unit). Under this program Ford will cover:

- towing to the nearest Ford Motor Company dealership, or towing to your selling dealership if within 35 miles
- flat tire change
- fuel delivery
- jump starts
- lock-out assistance

The Roadside Assistance Program is separate from the New Vehicle Limited Warranty, but the Program's time period runs concurrently with Bumper to Bumper Warranty Coverage (three years or 36,000 miles, whichever occurs first). If you need towing after Bumper to Bumper Coverage has ended, Ford can arrange roadside assistance and charge your credit card unless the problem is covered by another Ford warranty.

Ford will pay the tow charge under the other warranty.

For emergency roadside assistance, call **1-800-241-3673 (FORD)**, **24 hours a day, 365 days a year.**

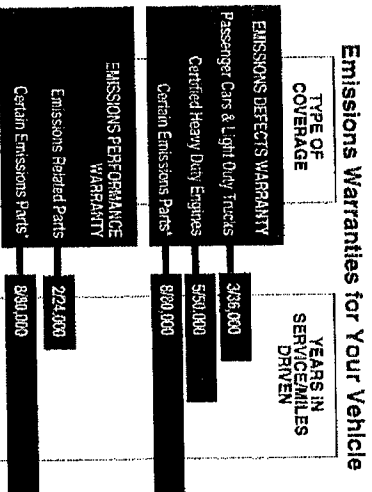
For daily rental units that must be towed because a covered part has failed during the Bumper to Bumper Warranty period, Ford will cover towing to the nearest Ford Motor Company dealership.

#### 5. Federal requirements for emissions warranties

##### QUICK REFERENCE: EMISSIONS WARRANTY COVERAGE

This chart shows your warranty coverage under two emissions warranties that Ford Motor Company provides, in compliance with Federal requirements. The warranties are:

- Emissions Defect Warranty
- Emissions Performance Warranty



\* Catalytic converters, computerized, electronic emissions control unit, onboard emissions diagnostic device, and vehicle communication link (VCL) module for passenger cars and light duty trucks only (required 8 years/80,000 mile coverage per the Clean Air Act)

For full details on emissions control coverage, see:

- **Emissions Defect Warranty** (page 12)
- **Emissions Performance Warranty** (pages 13-13)
- **What is Covered?** (pages 13-14)
- **What is Not Covered?** (page 14)

## EMISSIONS DEFECT WARRANTY COVERAGE

Under the Emissions Defect Warranty, Ford Motor Company provides coverage for 3 years or 36,000 miles (whichever occurs first). This is an extension of the federal requirement that calls for coverage of 2 years/24,000 miles (whichever occurs first) for passenger car and light duty trucks. Certified heavy duty engines (vehicles with a GVWR over 8,500 pounds) are provided coverage for 5 years or 50,000 miles (whichever occurs first).

During this coverage period, Ford Motor Company warrants that:

- your vehicle or engine is designed, built, and equipped to meet - at the time it is sold - the emissions regulations of the U.S. EPA.
- your vehicle or engine is free from defects in factory-supplied materials or workmanship that could prevent it from conforming with applicable EPA regulations.
- you will not be charged for repair, replacement, or adjustment of defective emissions-related parts listed under **What is Covered?** on pages 13-14.

Under the Emissions Defect Warranty for passenger cars and light duty trucks (vehicles with a GVWR of 8,500 pounds or less), Ford Motor Company also provides coverage, including labor and diagnosis, for 8 years or 80,000 miles (whichever occurs first) for these emissions parts:

- catalytic converter
- computer valve
- electronic emissions control unit (PCM)
- onboard emissions diagnostic device
- vehicle communication link (VCL) module

## EMISSIONS PERFORMANCE WARRANTY COVERAGE

If your vehicle is registered in a state where the state or local government has an EPA-approved inspection and maintenance program, you may also be eligible for Emissions Performance Warranty Coverage for 2 years or 24,000 miles (whichever occurs first), if you meet the conditions listed below in this section.

Under the Emissions Performance Warranty for passenger cars and light duty trucks, Ford Motor Company also provides coverage, including labor and diagnosis, for 8 years or 80,000 miles (whichever occurs first) for the following emissions parts, if you meet the conditions listed below in this section.

- catalytic converter
- computer valve
- electronic emissions control unit (PCM)
- onboard emissions diagnostic device

- vehicle communication link (VCL) module

Under Emissions Performance Warranty Coverage, Ford Motor Company will repair, replace, or adjust - with no charge for labor, diagnosis, or parts - any emissions control device or system, if you meet all these conditions:

- You have maintained and operated your vehicle according to the instructions on proper care in the **Owner Guide**, the **Scheduled Maintenance Guide**, and this booklet.

- Your vehicle fails to conform, during the warranty coverage period of 2 years or 24,000 miles (whichever occurs first), to the applicable national EPA standards.

- You are subject to a penalty or sanction under local, state, or federal law because your vehicle has failed to conform to the emissions standards. (A penalty or sanction can include being denied the right to use your vehicle.)

- Your vehicle has not been tampered with, misused, or abused.

The Emissions Performance Warranty will not apply to your vehicle if:

- the vehicle is tested at high altitude, but is certified to meet standards only at sea level.

- the diagnosis shows your vehicle will pass the applicable state or local government test using test procedures and standards set by the EPA.

Note that the warranty period begins on the **Warranty Start Date** as specified on page 2 of this booklet.

## WHAT IS COVERED?

These parts are covered by both the Emissions Defect Warranty and the Emissions Performance Warranty.

## List of Parts Covered by Emissions Warranties

- Air Flow Sensor
- Air/Fuel Feedback Control System and Sensors
- Air Induction System
- Altitude Compensation System
- Catalytic Converter
- Cold Start Enrichment System
- Cold Start Fuel Injector (1)
- Computer valve
- Controls for Deceleration
- Electronic Ignition System
- Exhaust Pipe (Manifold to Catalyst)
- Electronic Engine Control Sensors and Switches
- Evaporative Emission Control System
- Exhaust Gas Recirculation (EGR) System
- Exhaust Heat Control Valve
- Exhaust Manifold

- Fuel Filler Cap and Neck Restrictor
- Fuel Injection System
- Fuel Injector Supply Manifold
- Fuel Sensor (1)
- Fuel Tank (non diesel only)
- Fuel Tank Pressure Control Valve (1)
- Idle Air Bypass Valve
- Ignition Coil and/or Control Module
- Intake Manifold
- Intercooler Assembly - Engine Charger
- Malfunction Indicator Lamp (MIL)/On-Board Diagnostic (OBD) System
- PCV System and Oil Filler Cap
- Powertrain Control Module
- Secondary Air Injection System
- Spark Control Components
- Spark Plugs and Ignition Wires
- Synchronizer Assembly
- Throttle Body Assembly (MFT)
- Turbocharger Assembly
- Vehicle Communication Link (VCL) Module
- (1) Flex Fuel vehicle only

### Important Information About List of Parts

Also covered by the two emissions warranties are all emissions-related bulbs, hoses, clamps, brackets, tubes, gaskets, seals, belts, connectors, non diesel fuel lines, and wiring harnesses that are used with components on the list of parts above.

Concerning parts that should be replaced on a certain maintenance schedule: these parts remain under warranty until: (a) the first replacement time that is specified in your **Owner Guide** and the **Scheduled Maintenance Guide**; or (b) the time or mileage limits of the Federal Defect and Performance Warranties (whichever occurs first).

Your Ford Motor Company dealer maintains a complete list of parts covered by emissions warranties. For more details about the specific parts covered by the Emissions Defect Warranty, contact your dealer.

### WHAT IS NOT COVERED?

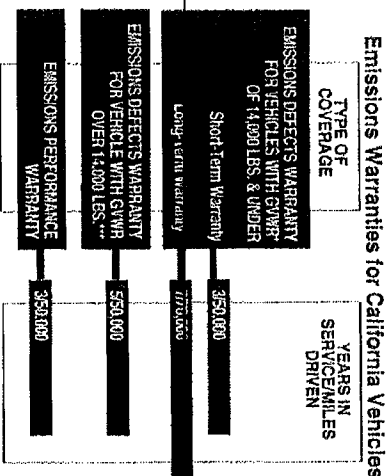
Ford Motor Company may deny you warranty coverage if your vehicle or a part has failed because of abuse, neglect, improper maintenance, unapproved modifications, or any items included in **What Is Not Covered?**, pages 7-9.

## 6. California requirements for emissions warranties

### QUICK REFERENCE: EMISSIONS WARRANTY COVERAGE

This chart shows the coverage Ford Motor Company provides under the emissions control warranty to owners of vehicles certified for sale in California, (your Vehicle Emissions Control Information label will indicate certified for sale in California or conforms to California regulations) and registered in California, Maine, Massachusetts, New York or Vermont. This coverage is in addition to Federal Emission warranties (Page 11). There are four warranties:

- Short-Term Defects Warranty (vehicles of 14,000 lbs. \* and under)
- Long-Term Defects Warranty (vehicles of 14,000 lbs. \* and under)
- Defects Warranty (vehicles over 14,000 lbs. \*)
- Performance Warranty



\* Gross Vehicle Weight Rating  
 \*\* These specific parts were selected on the basis of their estimated replacement cost at the time the California Air Resources Board certified your vehicle for sale in California. Diesel engine vehicles are covered for 5 years or 150,000 miles.

For full details about coverage under California requirements for emissions control, see:

- ➔ **Defects Warranties** (pages 16-20)
- ➔ **Performance Warranty** (page 16)
- ➔ **What Is Covered?** (pages 18-20)
- ➔ **What Is Not Covered?** (page 20)

## EXPLANATION OF CALIFORNIA EMISSIONS WARRANTIES

### Your Warranty Rights and Obligations

(Applicable if your vehicle is certified for sale in California and registered in California, Maine, Massachusetts, New York or Vermont.)

The California Air Resources Board and Ford Motor Company are pleased to explain the emission control system warranty on your 2002-model vehicle. In California, new motor vehicles must be designed, built, and equipped to meet the State's stringent anti-smog standards. Ford must warrant the emission control system on your vehicle for the periods of time listed on pages 16-17, provided there has been no abuse, neglect, or improper maintenance of your vehicle.

Your emission control system may include parts such as the carburetor or fuel injection system, the ignition system, catalytic converter, and the engine computer. Also included may be hoses, belts, connectors, and other emissions-related assemblies.

Where a warrantable condition exists, Ford Motor Company will repair your vehicle at no cost to you including diagnosis, parts, and labor.

### Manufacturer's Warranty Coverage

For 3 years or 50,000 miles (whichever first occurs):

1. If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by Ford to ensure that your car or light truck passes the inspection. This is your emission control system PERFORMANCE WARRANTY.

2. If any emissions-related part on your vehicle is defective, the part will be repaired or replaced by Ford. This is your short-term emission control system DEFECTS WARRANTY.

For 7 years or 70,000 miles (whichever first occurs):

If an emissions-related part listed on page 19 with coverage for 7 years or 70,000 miles is defective, the part will be repaired or replaced by Ford. This is your long-term emission control system DEFECTS WARRANTY.

If Gross Vehicle Weight rating is over 14,000 lbs.:

For 5 years or 50,000 miles (gasoline powered engines and vehicles) or 5 years or 100,000 miles (diesel powered engines and vehicles) (whichever first occurs):

If an emissions-related part on your vehicle is defective, the part will be repaired or replaced by Ford. This is your emission control system DEFECTS WARRANTY.

### Owner's Warranty Responsibilities

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Ford recommends that you retain all receipts covering maintenance on your vehicle, but Ford cannot deny warranty coverage solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to a Ford Motor Company dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should be aware that Ford Motor Company may deny you warranty coverage if the vehicle or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, or if you want to report what you believe to be violations of the terms of this warranty, you may contact the Ford Customer Relationship Center at 1-800-392-3673 (FORD) or the California Air Resources Board at:

State of California Air Resources Board  
Mobile Source Operations Division  
P.O. Box 8001  
El Monte, California 91731-2990

# WHAT IS COVERED?

The parts on the following list are covered by the Defects Warranties that apply to every California 2002-model vehicle, regardless of the GVWR\* of the vehicle.

\* Gross Vehicle Weight Rating

## List of Parts Covered by Defects Warranties

- Air Flow Sensor
- Air/Fuel Feedback Control System and Sensors
- Air Induction System
- Altitude Compensation System
- Catalytic Converter
- Cold Start Enrichment System
- Cold Start Fuel Injector (2)
- Compuvalve
- Controls for Deceleration
- Electronic Ignition System
- Exhaust Pipe (Manifold to Catalyst)
- Electronic Engine Control Sensors and Switches
- Evaporative Emission Control System
- Exhaust Gas Recirculation (EGR) System
- Exhaust Heat Control Valve
- Exhaust Manifold
- Fuel Filler Cap and Neck Restrictor
- Fuel Injection System (1)
- Fuel Injector Supply Manifold
- Fuel Sensor (2)
- Fuel Tank (non diesel only)
- Fuel Tank Pressure Control Valve (2)
- Idle Air Bypass Valve
- Ignition Coil and/or Control Module
- Intake Manifold (1)
- Intercooler Assembly - Engine Charger
- Malfunction Indicator Lamp (MIL)/On-Board Diagnostic (OBD) System
- PCV System and Oil Filler Cap
- Powertrain Control Module
- Secondary Air Injection System
- Spark Control Components
- Spark Plugs and Ignition Wires
- Synchronizer Assembly
- Throttle Body Assembly (MTF)
- Turbocharger Assembly
- Vehicle Communication Link (VCL) Module
- (1) Coverage for diesel engines is for five years or 100,000 miles (whichever first occurs)
- (2) Flex Fuel vehicle only

COVERAGE FOR 2002-MODEL VEHICLES (GVWR OF 14,000 LBS OR LESS)  
UNDER LONG-TERM DEFECTS WARRANTY (Coverage for Up to 7/Years/70,000 Miles, Whichever First Occurs)

| Part Name                                       | 2.0L  | 2.3L | 2.5L | 3.0L  | 3.3L | 3.6L | 3.9L | 4.0L      | 4.2L  | 4.6L  | 5.4L     | 6.8L  | 7.3L  |
|---|-------|------|------|-------|------|------|------|-----------|-------|-------|----------|-------|-------|
| Anti-Lock Brake (ABS) Module                    |       |      |      |       |      |      |      |           |       |       | X(1)     | X(1)  | X(1)  |
| Cam Timing Assembly                             | X(2)  |      |      | X     |      |      | X    |           |       | X(3)  | X        | X     | X     |
| Catalytic Converter                             | X     | X    | X    | X     |      | X    | X    | X         | X     | X     | X        | X     | X(4)  |
| Charge Air Cooler                               |       |      |      |       |      |      |      |           |       |       | X        |       | X     |
| Compuvalve                                      |       |      |      |       |      |      |      |           |       |       | X(5)     | X(5)  |       |
| EVAP Fuel Vapor Return Tube                     | X(6)  |      | X    |       |      |      |      |           |       |       |          |       |       |
| EVAP Vapor Line                                 |       |      |      |       |      |      |      |           |       | X(7)  |          |       |       |
| EVAP Vapor Storage Canister                     |       |      |      |       | X    |      |      |           |       |       |          |       |       |
| Exhaust Manifold Gasket                         |       |      |      |       |      |      |      |           |       | X(8)  |          |       |       |
| Exhaust Manifold to Inlet Pipe Gasket           |       |      |      |       |      |      |      |           |       | X     |          |       |       |
| Exhaust Manifold - Left                         |       |      |      | X     | X    |      |      |           |       | X(9)  | X(10)    | X     | X     |
| Exhaust Manifold - Right                        |       |      |      | X(25) | X    |      |      |           |       | X(9)  | X(10)    | X     | X     |
| Flex Fuel Composition Sensor & Bracket Assembly |       |      |      | X(11) |      |      |      |           |       |       |          |       |       |
| Fuel Filter Kit                                 |       | X    |      | X(14) |      |      |      | X(14)     |       |       | X(24)    | X(24) |       |
| Fuel Injection Fuel Supply Manifold Assembly    |       |      |      |       | X    |      |      |           |       |       |          |       |       |
| Fuel Injector                                   |       |      |      |       | X    |      |      |           |       |       |          |       |       |
| Fuel Injector Fuel Supply Manifold              |       |      |      |       | X    |      |      |           |       | X(12) | X(13)    |       | X     |
| Fuel Injector Nozzle Assembly                   |       |      |      |       |      |      |      |           |       |       |          |       |       |
| Fuel Injector System Wiring                     |       |      |      |       | X    |      |      | X(14)     |       |       |          |       |       |
| Fuel Pressure Regulator                         |       |      |      |       |      |      |      |           |       | X(7)  | X(19)    | X(5)  |       |
| Fuel Return & Brake Tube Assembly               |       |      |      |       |      |      |      |           |       | X(7)  |          |       |       |
| Fuel Tank                                       | X(19) | X    |      | X(14) | X    | X    | X    | X         | X     | X     | X        | X     |       |
| Fuel Tank Filter Pipe                           |       |      |      |       |      |      |      |           |       |       | X(13)    |       |       |
| Fuel Tank Fuel Flange Assembly                  |       |      |      |       |      |      |      |           |       | X(2)  |          |       |       |
| Fuel Tank Heat Shield                           |       |      |      |       |      |      |      |           |       | X(7)  | X(16)    |       |       |
| Fuel Tank Pressure Sensor                       |       |      |      |       |      |      |      |           |       |       | X(13)    |       |       |
| Fuel Tank Sender & Outlet Tube Assembly         |       |      |      |       |      |      |      |           |       |       | X(17)    | X(17) |       |
| Fuel Tank Sender & Pump Assembly                |       |      |      |       |      |      |      | X(18)     | X(17) | X(17) | X(17)    | X(17) |       |
| Fuel Tube Assembly                              |       |      |      |       |      |      |      |           |       |       | X(17)    | X(17) | X(17) |
| Fuel Valve Solenoid Assembly                    |       |      |      |       |      |      |      |           |       | X(7)  | X(20)    |       |       |
| Fuel Vapor Separator Assembly                   |       |      |      |       |      |      |      |           |       |       | X(21)    |       |       |
| High Pressure Fuel Line                         |       |      |      |       |      |      |      |           |       |       | X(5, 16) |       |       |
| Injector Driver Module                          |       |      |      |       |      |      |      |           |       |       |          |       | X     |
| Intake Manifold                                 | X(22) |      |      | X(14) | X    | X    | X    | X(14)     | X     | X     | X        | X     |       |
| Intake Manifold Runner Control                  |       |      | X    |       |      |      |      |           |       | X(12) |          |       |       |
| NGV Module & Bracket                            |       |      |      |       |      |      |      |           |       |       | X(13)    |       |       |
| Supercharger                                    |       |      |      |       |      |      |      |           |       |       | X        |       |       |
| Turbine Shaft Speed Sensor Assembly             |       |      |      | X(23) |      |      |      | X(18, 23) |       | X(18) |          |       |       |
| Turbocharger                                    |       |      |      |       |      |      |      |           |       |       |          |       | X     |

1) F-Series/Super Duty/Automatic Transmission; 2) Except Focus; 3) Except Explorer, Mountaineer; 4) F-Series, Roadmaster; 5) F-Series/Bi Fuel; 6) Cougar; 7) Crown Victoria/CNG; 8) Mustang, Crown Victoria, Grand Marquis; 9) Except Explorer, Mountaineer, Econoline; 10) F-Series/Super Duty, Focus; 11) Transit; 12) Flex Fuel; 13) F-Series/CNG, Focus/CNG; 14) Ranger; 15) F-Series/Bi Fuel/CNG; Econoline/CNG; 16) F-Series/CNG; 17) F-Series; 18) Explorer Sport/Passport; 19) Econoline; 20) F-Series/Bi Fuel/CNG; 21) Econoline/CNG; 22) Escort, Focus; 23) Ranger 4x4; 24) F-Series/Super Duty; 25) Escape